

FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN EDMONTON 61, ALBERTA OCTOBER 17, 1968

Construction priorities established for five-year building program

Facilities for Fine Arts, Arts, Education, and Chemistry rank at the top of the list of capital expenditure priorities recently approved by The University of Alberta Board of Governors.

These will be the first four major buildings of 11 that are planned for construction between 1969 and 1974 in the University's expansion program.

The priorities list approved by the Board outlines the five-year construction program step by step, specifying which buildings come first and how much will be spent on each.

The priorities are the result of more than a year's study and analysis by the University Planning Committee, acting on behalf of the General Faculty Council. The Committee used a number of criteria in reaching their decision on the order in which buildings should be constructed. Existing and projected space shortages, numbers of students, types of facilities required, flexibility of required space, need for support facilities such as libraries and food services with such expansion, were among the areas taken into consideration.

SCHEDULE A PROJECTED SOURCES AND AMOUNT OF CAPITAL FUNDS, 1967 to 1974, INCLUSIVE:

Year	Source	Amount
1967-68	Universities Commission	\$ 30,600,000
1968-69	Universities Commission	24,250,000
1969-70	Universities Commission	22,000,000
1970-71	Universities Commission	15,000,000
	Fund Raising Campaign	10,000,000 ²
1971-72	Universities Commission	14,000,000
	Fund Raising Campaign	10,000,000 ²
1972-73	Universities Commission	20,000,000
1973-74	Universities Commission	20,000,000
Total		\$165,850,000

1. Borrowings *not* included (e.g. CMHC mortgages for housing).
2. It was assumed for planning purposes that a total of \$10,000 would be available to The University of Alberta from the planned fund raising campaign and that this amount would be matched by the Provincial Government.

Excerpts from the report prepared by the University Planning Committee for the General Faculty Council, and subsequently approved by the Board of Governors, follow.

PROCEDURES USED BY THE COMMITTEE

When making allocations and deciding priorities, the members agreed to proceed on the basis that decisions made before the Committee became operative would not be reopened. The list of continuing commitments shown in Schedule B reflects commitments made before the present discussions were started.

The Committee, in its deliberations, was required to work within an important constraint imposed upon the Board of Governors by the Government of Alberta namely, that \$20 million of the total funds allocated to The University of Alberta by the Universities Commission be spent on Health Sciences and be considered as not available for other University facilities.

For purposes of planning and making their decisions, the Committee agreed to assume that a total of \$20 million would be available from the planned fund raising campaign and the matching grants to be provided by the Provincial Government. The timing of the building program may be accelerated or slowed to the extent that funds are available in greater or smaller amounts than had been assumed in Schedule A.

The Committee decided to establish what can be called a moving five-year plan which means that the first years will become relatively fixed while the later years may be subject to some revision, if necessary, when the needs and available resources can be assessed on a more current basis.

The Committee first divided the major capital needs of the University into categories and allocated a percentage of the total capital available, in a five-year period, to these categories.

This was followed by detailed consideration of a total dollar estimate of the capital funds available for buildings in relation to tentative estimated costs for all buildings

required on the campus. Next, the Committee applied the objective and subjective criteria which it established for itself, to the overall list of buildings needed, keeping in mind the maximum capital funds available for buildings. On the basis of these criteria and the availability of funds, a preliminary list of nine buildings was established.

Each member ranked the buildings on the preliminary list according to the rationale which are set out later in this report. A review of the results of this rank order was made, and of the buildings not included in the preliminary list. Additional buildings were added to the list and each member ranked the revised list.

Resulting from this ranking vote, the two buildings which ranked highest were assigned priorities 1 and 2. The remaining buildings were segregated into two sub-groups, based on the order of rank. The buildings in each sub-group were again ranked in relation to the other buildings of the sub-

SCHEDULE C ADDITIONAL FACILITIES REQUIRED TO MEET REQUIREMENTS OF ACADEMIC PLAN B

Facility	Estimated cost
Agriculture 2—II	\$ 5,000,000
Arts 2—II	3,000,000
Basic Medical Sciences—II	10,000,000
Biological Sciences—IV	1,500,000
Chemistry 2—II	5,000,000
Dentistry and Dental Hygiene—I	5,000,000
Dentistry and Dental Hygiene—II	5,000,000
Education 2—II	7,000,000
Engineering 2—III	6,500,000
Fine Arts—II	2,000,000
HSC Centre Building	1,500,000
North Garneau Library—II	5,000,000
North Garneau Library—III	5,000,000
Pharmacy and Para Medical—I	6,500,000
Pharmacy and Para Medical—II	6,500,000
Physical Sciences 2—II	4,000,000
Total	\$78,500,000

There is also a recognized need for academic facilities to accommodate the Faculty of Environmental Design and the School of Library Science, as well as major support facilities related to Food Sciences in North Garneau and the provision for rapid transit. Furthermore, the Student Health Service building will have to be replaced when the Health Sciences Centre nears completion.

group. The list of percentage allocations relating to total capital, shown later in this report, and the list of buildings ranked by priorities in relation to allocated capital funds, are the result of these procedures.

RATIONALE OF PRIORITY DECISIONS

The Committee considered the following objective criteria in evaluating the competing needs for new construction; they are not listed in order of importance.

(a) The existing and projected space deficit in a facility, faculty, department, or a group of departments as a percentage of total allowable space for the defined unit in Academic Plan 8.

(b) The number of students taught by a faculty, department or group of departments.

(c) The nature of the facilities presently occupied (whether the functional unit is split or overcrowded) and the imminence of a required move by those who are considered as temporary occupants of a building.

(d) The factor of specialized or inflexible space, compared to general or flexible space in relation to the competing needs of two or more faculties, facilities, or departments.

The following subjective considerations were also employed.

(e) The need to assure balance in the support facilities, such as libraries and food services, with the increased size of the University.

(f) The undesirability of completely satisfying the total space needs of one group while other groups remain seriously handicapped by their physical facilities.

(g) The acceptance and encouragement areas of proven excellence and widespread repute as evidenced by productivity and the judgment of those within and without the University.

(h) The relative need of provincial, national, and international society for certain types of trained individuals as determined both analytically and subjectively.

BASIS FOR ALLOCATING CAPITAL FUNDS, 1969-70—1973-74

The following shows the categories established for the major capital needs in the University and the percentage allocation of the total capital available in a five-year period to these categories. Data showing the breakdown of capital expenditures according to the chosen classifications, for the current and previous four years, were used as a guide in establishing percentages for each category.

SCHEDULE B PROPOSED CAPITAL EXPENDITURES, 1967 TO 1974, INCLUSIVE

(All figures are in thousands)

Item	Cost ¹	Space ²	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74
Actual Expenditures			\$30,600						
Current budget				\$24,250					
Land acquisition					\$ 500	\$ 400	\$ 200	\$ 100	\$ 100
Paving and grounds					500	500	500	500	500
Alterations					800	900	900	800	800
Equipment					2,400	3,000	3,000	2,300	2,300
Furnishings					1,300	1,500	1,400	1,300	1,300
Contingency					2,200	2,500	2,400	2,000	2,000
Housing									
Other facilities									
Planning									
Renovations									
Special equipment									
Continuing commitments ³									
Biological Sciences, Phase I	\$8,000				700				
Biological Sciences, Phase II	7,800				2,500				
Biological Sciences, Phase IIA	2,600				900				
Biological Sciences, Phase III	2,400				800				
Cameron Library, North Wing	1,400				900				
Law	3,300				2,200	1,000			
Physical Education Annex	2,200				1,700	100			
New commitments ⁴									
Basic Medical Sciences—Phase I	7,200	131		(100) ⁵	4,000	3,000	100		
Health Sciences Area	1,000	—				300	700		
Fine Arts, Phase I	4,500	100		(50)	200	4,200	50		
Arts 2, Phase I	3,000	70		(50)	100	2,800	50		
Education 2, Phase I	5,000	110		(50)	100	2,200	2,650		
Chemistry 2, Phase I	5,000	75		(50)	100	1,800	3,050		
North Garneau Library, Phase I	3,500	100			50	300	3,100	50	
Engineering 2, Phase II	4,000	75			50	100	3,800	50	
Business Administration, Phase I	3,000	55				150	1,000	1,850	
Agriculture 2, Phase I	4,500	85				150	400	3,950	
Communications Centre	1,000	—				50	300	650	
Physical Science 2, Phase I	4,000	100				50	100	3,000	850
Household Economics 2, Phase I	2,000	45					50	1,450	500
To be decided (see Schedule C)							250	2,000	11,650
Total	—	—	\$30,600	\$24,250	\$22,000	\$25,000	\$24,000	\$20,000	\$20,000

1. Target cost excluding furniture and site development.
2. Number of net square feet to be provided.
3. Buildings previously approved.
4. Building priorities recommended in this report.
5. Amounts given in parentheses are provided in the present budget.

Group A
Buildings (academic and major support buildings) 65

Group B
Equipment (other than major equipment associated with new buildings) 6
Furnishings 6
Alterations and Renovations 3
Land 2
Paving, Grounds, and Outside Services 4
Contingencies, including buildings other than in Group A 10
Total 35

In order to allow some flexibility in planning, the percentages assigned to all classifications in Group B can fluctuate 1 per cent in either direction but are not to exceed 35 per cent in total for this group.

The Committee agreed that the following are to be included within the allocated 10 per cent classified as "contingencies": animal facilities; general planning costs; facilities for housing married students at Michener Park; housing for single students; food services in North Garneau; and unforeseen urgent needs.

PRIORITY RANK OF BUILDINGS

The Committee decided on the basis of the procedures and rationale set out in this Report, that the following order of rank buildings should be used for planning and budgetary purposes in the five year period from 1969-70 to 1973-74 inclusive. This

ould be read in conjunction with Schedule B.

Rank	Building
1	Fine Arts, Phase I
2	Arts 2, Phase I
3	Education 2, Phase I
4	Chemistry 2, Phase I
5	Library
6	Engineering, Phase II
7	Business Administration, Phase I
8	Agriculture, Phase I
9	Communications Centre
10	Physical Sciences, Phase I
11	Household Economics, Phase I.

The Chairman of the University Planning Committee is D. G. Tyndall (Vice-President for Finance and Administration). Committee Members are R. G. Baldwin (Head, Department of English), G. Ford (Head, Department of Mechanical Engineering), W. H. Johns (President), A. G. McCalla (Dean, Faculty of Graduate Studies), W. D. Neal (Associate Dean, Faculty of Education), D. M. Ross (Dean, Faculty of Science), W. H. Worth (Vice-President for Campus Planning and Development), and M. Wyman (Vice-President, Academic).

STUDENTS TO BE APPOINTED TO FACULTY COMMITTEES

At its meeting on September 23, the General Faculty Council decided to invite the student bodies to nominate representatives to eight of its committees. For many years, students have been represented on University committees, and, since April, 1967, there have been three student members of the General Faculty Council.

Last April, a special committee of the General Faculty Council, established to review the existing committee structure, was asked to make recommendations about student representation on University committees. The Students' Union and the Graduate Students' Association were invited to submit their suggestions to the committee, and, at the same time, each committee was asked whether it thought student membership desirable.

The committee recommended that all requests for representation on committees made by the two student bodies be granted, and, in addition, that the two bodies be asked to nominate representatives for some committees on which they had not requested representation. The proposals were endorsed by the General Faculty Council.

As a result of this decision, one representative from each of the two student groups will become a member of the Academic Development Committee, the Archives Committee, the Library Committee,

and the Committee on Recording Extra-curricular Activities. The Students' Union will have one representative on the Admission Requirements Committee, and the Undergraduate Scholarship Committee, while the Graduate Students' Association will have a member on the Registration Week Committee, on which the Students' Union now has two representatives. Both groups will be represented on the Campus Development Committee and the University Planning Committee for a trial period ending December 31, 1968. The trial basis has been suggested because of the burden of work involved in serving on these committees. A student member of the General Faculty Council will be nominated for membership on its Executive Committee, and other recommendations about student representation have been made by the special committee to the appropriate university bodies.

TO STUDY STUDENT VIEWS

Students at The University of Alberta will have more opportunity to express themselves. The establishment of a joint committee made up of about 10 representatives from the faculty, the Deans' Council, University officers, and the student body (through the Students' Union and the Graduate Students' Association) has been approved by the Board of Governors.

The committee will consider student views on all matters affecting student welfare at the University, and make recommendations to the appropriate University bodies on how these views can be assessed and put into effect where appropriate.

The establishment of the committee is the latest in a series of steps taken since the passing of *The Universities Act* in 1966 to provide for student representation on the bodies governing the University. In June, the Board of Governors announced that two members of the Students' Council, or their nominees, would attend meetings of the Board as consultants, and the student body is represented on the General Faculty Council on nomination from the Students' Council and the Graduate Students' Association.

At its meeting on September 23, the General Faculty Council decided to invite the student bodies to nominate representatives to eight more of its committees.

LE COLLEGE ST. JEAN AFFILIATION EXTENDED

The affiliation agreement between The University of Alberta and Le Collège St. Jean d'Edmonton, a bilingual institution operated by the Oblate Fathers, has been extended for two years, with some modifications.

The Board of Governors of the University approved the extension beyond the original five-year affiliation, which would have ended September 22, 1968.

Under the original agreement Collège St. Jean was given junior college status, and allowed to offer courses through the Faculty of Education. Students wrote the same examinations as those given in the corresponding University courses. The new agreement permits the College to set and grade its own examinations, and offer its students a wider range of courses.

When the role of the junior college in Alberta has been more precisely defined, Le Collège St. Jean will seek a more definite affiliation with The University of Alberta, according to The Rev. Frank McMahon, Pro-Rector of the Collège.

39 THAI ARRIVE

Thirty-nine Thai teachers, administrators, and supervisors—22 men and 17 women—arrived on the campus of The University of Alberta in July to participate in the Thailand Comprehensive School Project, sponsored by the Faculty of Education. During the summer, the class attended an intensive language program (classes, language laboratories, and field trips to language-stimulating settings) and received two hours of orientation lectures per week. The 72 students in the first two classes, 69 of whom had earned the Diploma of the Faculty of Education, have returned to Thailand and are actively engaged in the Comprehensive Schools in that country.

RHEUMATIC UNIT ESTABLISHED

Persons suffering from rheumatic diseases have long had trouble finding hospital accommodation because of the "non-emergency" nature of their illnesses. Now an 18-bed Rheumatic Diseases Unit has been established at The University of Alberta Hospital. The Unit has a three-fold objective of providing exemplary care for rheumatic patients, serving as an educational and training facility for both graduate and undergraduate students, and providing the means for clinical investigation and research.

Planning for the Unit began about two years ago through the combined efforts of the University Department of Medicine, the Hospital, and the Canadian Arthritis and Rheumatism Society. It is supported by the Arthritis and Rheumatism Society and the United Community Fund of Greater Edmonton. DR. JOHN S. PERCY, an expert in the field of rheumatic and connective tissue diseases, has been appointed Director.

LORD HANKEY DELIVERS TORY LECTURE

THE LORD HANKEY, KCMG, KCVO, retired, gave the 1968 Henry Marshall Tory Lecture at The University of Alberta. He spoke on "Britain and Europe Today" on October 9, at the Jubilee Auditorium. The lecture, sponsored by the Friends of the University, was public and free.

Lord Hankey was born and educated in England at Rugby School and New College, Oxford. He entered the British Diplomatic Service in 1927, serving in Berlin and Paris. From 1933 to 1936, he was Private Secretary to the Right Honourable Anthony Eden, and since then has travelled widely on diplomatic service to many countries. Presently an active member of the House of Lords, and Vice-President of the European Institute to Business Administration, Lord Hankey is also a member of the International Council and of the Board of Governors of the Atlantic College, St. Donat's Castle, South Wales.

TORY PAPERS REVEAL THE UNIVERSITY'S FIRST YEARS

The papers of the late Henry Marshall Tory are "in essence the intimate record of a fledgling institution of higher learning during the first two decades of its development," says W. J. C. CHERWINSKI, a doctoral candidate in History and a former archivist in Regina, who has hired last summer by the University to put the 27 feet of documents in order.

The wealth of material is partly due to Dr. Tory's reluctance to delegate authority during his 20 years as the University's first President, which meant that "even the most insignificant matters received his personal attention," and, of course, found their way into his files.

It is also partly due to his secretary, Miss Beatrice Ockley, who saved "everything that crossed the President's desk." In some cases, numerous copies of memoranda and documents have been stored away.

The classification and cataloguing of the Tory papers is the pilot project of the University Archives program. Included in the collection are speeches, administrative documents, and both personal and official correspondence.

Mr. Cherwinski reports that many of the most detailed papers pertaining to the University are the result of Dr. Tory's insistence that he be kept abreast of affairs at the University when he was travelling outside of Alberta. When decisions had to be made, he sent them via railway telegraph services.

In all, the papers give an intimate glimpse of one of Canada's leaders during the first half of this century and a glimpse, equally intimate, of "the pain and the pathos of a young institution."

MICHENER PARK RENT INCREASE STAYS IN EFFECT

The rent increase for residents of Michener Park, approved by the Board of Governors in February to become effective in July, will stay, despite the protests of residents of the development. Michener Park residents had proposed in a brief to the Board of Governors that savings in operating costs could be effected in a number of ways, including having residents assume the grounds and laundry maintenance tasks, full responsibility for damage costs, and more responsibility in the general operation of the Park. In effect, they proposed making Michener Park into more of a co-operative housing project.

At its September 6 meeting, the Board of Governors offered a plan: in addition to continuing its discussions with resident representatives to discover ways of saving money in the operation of the Park, the Board suggested that any savings realized in operation of the Park be returned to the residents.

HOUSEHOLD ECONOMICS CELEBRATES GOLDEN ANNIVERSARY

During Homecoming Weekend, the School of Household Economics celebrated its 50th birthday, beginning September 27, with an address, "Whither Goeth Higher Education?" by Dr. W. A. S. Smith, President of The University of Lethbridge. Following Dr. Smith's speech, and registration in the Household Economics Building, there was a coffee party and a tour of the building.

On Friday evening, Dr. Carlfred Broderick of the Pennsylvania State University College of Human Development, spoke on "The Irrational Component in Family Decision-Making." Dr. Broderick has been associated with Pennsylvania State University since 1960, when he left the University of Georgia School of Household Economics. He received his B.A. in social relations from Harvard, and his Ph.D. from Cornell. He has written numerous articles, and recently completed research on "The Development of Interpersonal Attitudes Among Children." His current research is in the process of courtships. A member of many professional organizations, Dr. Broderick has served on the Sex

Information and Education Council of the United States. His major areas of concern are in the fields of child development, family relations, and sex education.

On September 28, Mrs. Doris Baskerville Badir conducted a symposium on "The Contribution of the University to the Study of the Family." Speakers included DR. B. Y. CARD, Professor of Educational Foundations; MISS ISOBEL MUNROE, Dean of Women; A. S. A. MOHSEN, Assistant Professor of Sociology; Miss Ann Y. Burns of the Department of National Health and Welfare, and Dr. Broderick.

The Department of Household Economics was organized, under the Faculty of Arts and Sciences, in 1918, with classes in the basement of the Arts Building. The biological and physical sciences were emphasized and the degree of Bachelor of Science in Household Economics was awarded. The program has since expanded to include such subjects as Textiles, Clothing, Applied Art, Family Economics, and Management. Since 1945, the School has offered the Household Economics courses required by the Faculty of Education, and a Master's degree in Home Economics Education is offered by the Faculty of Education.

In 1960, post-graduate and research programs were commenced, and in 1965 the School introduced three new areas of study: Nutrition and Food, Clothing and Textiles, and General Home Economics. In the same year, the new building was opened.

In the near future, the School of Household Economics plans to extend the three-year program to four years, to offer a new program in The Family, and to develop post-graduate and research studies in all three major areas of concern.

LIBRARY SCIENCE STUDENTS TAKE ORIENTATION TOUR

The 42 students of the first class in the new School of Library Science, together with five faculty members, have been treated to a unique four-week pre-session orientation program, beginning August 19, and ending with the beginning of classes on September 13. Designed to provide a basic but broad introduction to the field of libraries as a whole, the tour took the group to libraries in Edmonton, Lacombe, Red Deer, Calgary, and the Museum and Archives of the Rocky Mountains in Banff. Three days of seminars and discussion periods in the Jasper area finished the tour, and various aspects of library work, such as cataloguing, classifications, reference sources, and library services, were studied on the return to Edmonton.



Dr. La Forest, Dr. McHardy, Mr. Whidden

APPOINTMENTS

BUSINESS ADMINISTRATION AND COMMERCE

DR. EDWARD J. CHAMBERS, Professor of Business Economics at the School of Business Administration, University of Washington, Seattle, has been appointed Dean of the Faculty of Business Administration and Commerce at The University of Alberta.

Dr. Chambers, whose appointment became effective July 1, 1968, replaces DR. HU HARRIES, who resigned as Dean to devote more time to private business.

Dr. Chambers received his Bachelor of Commerce, Bachelor of Arts, and Master of Arts degrees from the University of British Columbia, and his doctorate from the University of Nebraska.

He has been Professor of Business Economics at the University of Washington since 1960. Prior to that he was Associate Professor of Finance and Director of the Bureau of Economic and Business Research at the University of Montana for four years and Co-Adjutant Lecturer in Economics at the Graduate School of Business Administration, Rutgers University for one year. He also taught at the University of Nebraska and Whitman College.

AGRICULTURE

DR. F. V. MACHARDY, Head of the Department of Agricultural Engineering, has been appointed Dean of the Faculty of Agriculture. His appointment became effective August 1, 1968.

Dr. MacHardy replaces DR. C. F. BENTLEY who has been seconded to the Department of External Affairs, External Aid Office, Ottawa, for one year where he will serve as Senior Agrologist. He will then return to the University as Professor of Soil Science.

Dr. MacHardy has been Professor and Head of Agricultural Engineering since 1958. He is known for his work in the development of improved farm machinery and farm building design—particularly for the recent development of a remote control guidance system for the farm tractor—and has published extensively in these areas.

DR. GERARD V. J. LA FOREST, former Professor of Law at the University of New Brunswick, has been named Dean of the

Faculty of Law, the Board of Governors announced August 22.

DR. A. R. THOMPSON, Professor of Law, has served as Acting Dean of Law since January 1, 1967, when former Dean W. F. Bowker resigned to become Director of the newly-established Institute of Law Research and Reform. Dr. Thompson will now return to his academic interests and duties.

Dr. La Forest is the holder of five degrees—Bachelor of Civil Law from the University of New Brunswick, Bachelor of Arts in Jurisprudence and Master of Arts from Oxford University, and Master of Laws and Doctor of Juridical Science from Yale University.

ARTS

DR. FRANK D. BLACKLEY, Professor of History, resigned as Associate Chairman of the Department of History to take up his new appointment as Associate Dean of Arts.

OFFICE OF THE PRESIDENT

BRIAN H. McDONALD, seconded for two years to the Universities Commission as Assistant to the Chairman, has returned to the University and is now Assistant to the Vice-President (Academic). HARVEY FORD, Secretary to the Academic Development Committee, has been seconded to the Commission, assuming Mr. McDonald's post.

JOHN NICOL, former Registrar at Carleton University, has been named Assistant to the President and Secretary to the Board of Governors. Mr. Nicol arrived on the campus on September 1.

Mr. Nicol served as Registrar at The University of Alberta in Calgary from 1962 to 1966, and Assistant to the Principal from 1961 to 1962. He lectured in English at the University of Manitoba in 1960-61, and at Waterloo College from 1957 to 1960. In 1948, he received his B.A. from the University of Toronto, and, in 1951, his M.A. from the same institution. He is married and has three children.

J. M. WHIDDEN RETIRES

J. M. WHIDDEN, Bursar from 1947 to 1968, retired effective September 30. He was also Secretary to the Board of Governors. The title of Bursar has also been retired. Mr. Whidden's successor, MURRAY ROUSELL,

former Chief Accountant, is Comptroller. Mr. Rousell's appointment was effective April 1, 1968.

PEOPLE

DR. M. J. HUSTON, Professor and Dean of Pharmacy, was elected President of the Canadian Pharmaceutical Association at the Regina Convention held August 18-22. While in Europe, Dean Huston attended the Federation Internationale Pharmaceutique meetings in Hamburg, Germany, as a Canadian delegate. The Federation meetings were held August 31 to September 7.

DR. LUDWIG VON BERTALANFFY, Professor of Zoology, gave a keynote address at the annual meeting of the American Psychiatric Association in Boston, May 13.

Dr. von Bertalanffy then participated in an International Symposium in Alpbach, Austria. He spoke on "Chance of Law: Systems and Selection." He also addressed the Vienna Psychotherapeutic Society on "Logotherapy in the Light of General System Theory."

A new book by Dr. von Bertalanffy, *General System Theory: Foundations, Development, Application*, is scheduled for publication in November, 1968, being published by G. Braziller, New York.

DR. DONALD QUON, Professor of Chemical and Petroleum Engineering, is spending a sabbatical year at the Department of Systems Engineering, University of Lancaster, England. Dr. Quon has been awarded a National Research Council Senior Research Fellowship.

DR. SETHART FISHER, Associate Professor of Sociology, has been awarded a Canada Council grant of \$16,967 for a study of stigma and development of deviant careers, to be made in the public school system.

DR. JAMES G. MACGREGOR, Associate Professor of Civil Engineering, was awarded the first "State-of-the-Art in Civil Engineering Award," by the American Society of Civil Engineering, jointly with Dr. B. Bresler of the University of California. The award is in recognition of their paper "Review of Concrete Beams Failing in Shear," which was originally presented at an ASCE Convention in 1966, and subsequently published in the Proceedings of the American Society of Civil Engineers. A Spanish translation of the paper has been published in Central America and Mexico.

DR. R. D. LAURENSEN, Professor of Anatomy, has accepted an invitation from the W. B. Saunders Co., Publishers, Philadelphia, to serve as a consultant in cardiovascular

anatomy and physiology for the 25th edition of the *Dorlands Illustrated Medical Dictionary*. Dr. Laurensen joins a group of outstanding authorities who have been selected for this work because of their deep concern with the precision of the language of science.

DR. C. G. HAMPSON, Professor of Secondary Education, and DR. D. W. R. WILSON, Associate Professor of Secondary Education, will present a series of 12 programs in elementary science over CKUA. The series, "Question Mark Trail" and "Atom to Universe," will run from October to April.

DR. L. R. GUE, Associate Professor of Educational Administration, acted as a consultant on August 29 and 30 at the Teacher Orientation Program in Morley sponsored by the Indian Affairs Branch. The purpose of the orientation was to sensitize newly-appointed teachers in Indian schools in Alberta to cultural differences between Indian and non-Indian pupils.

DR. L. C. GREEN, Professor of Political Science, was resident lecturer at the United Nations Association Summer School at Banff. From Banff he travelled to the Conference of the International Law Association in Buenos Aires, where he moved the adoption of the Buenos Aires Declaration on Asylum, and was appointed editor of the conference report. Before leaving Buenos Aires, he delivered a course of lectures to the Graduate Department of the Institute of Comparative and International Law at the University of Buenos Aires. He lectured to several service clubs in Panama City, and conducted a seminar for the Faculty of Graduate Studies of the National University of Mexico.

Three University of Alberta professors have received scholarships from the Medical Research Council. DR. BARBARA A. CHERNICK, Assistant Professor of Pediatrics, and DR. SATOMI IGARASHI and DR. MICHAEL N. G. JAMES, Assistant Professors of Biochemistry, have each received grants of \$5,000 to enable them to initiate and conduct independent research. The scholarships are awarded for a period of three years, and may be renewed for another two years.

BRUCE B. PEEL, University Librarian, was elected Vice-President of the Canadian Library Association at its annual meeting in early June at Jasper Park Lodge. JOHN G. WRIGHT, Associate Professor of Elementary Education, was elected to the Council of the Association for a three-year term.

JANUSZ J. KLAWE, Professor of Geography, has received a grant of \$3,700 from the Treasury Board of the National

Advisory Committee on Control Surveys and Mapping.

DR. K. PAUL SATINDER, Post-Doctoral Fellow in Psychology, acted as Chairman of the Symposium on Pavlovian Typology at the annual meeting of the Pavlovian Society of North America in Baltimore, Maryland in September.

DR. C. M. COUVES, Associate Professor of Surgery, completes a voluntary tour aboard the hospital ship HOPE, in Colombo, Ceylon, on October 13. Dr. Couves is a specialist in thoracic and cardiovascular surgery, and attended the University of Saskatchewan, and the University of Manitoba Medical School.

Founded in 1958 by Dr. William B. Walsh, Project HOPE is the principal activity of The People-to-People Health Foundation, Inc., an independent, non-profit organization headquartered in Washington, D.C. Since the first voyage, more than 1,200 American medical personnel have served with HOPE, training more than 4,000 medical personnel in developing nations, treating over 120,000 persons, conducting nearly 11,000 major operations, and benefitting more than 2,000,000 persons through immunizations, examinations, and other services. The mission in Ceylon marks the hospital ship's first return to Asia since her maiden voyage in 1960-61 to Indonesia and South Vietnam.

DR. J. A. JACOBS, Killam Memorial Professor of Science, spent two weeks lecturing in August on "Hydromagnetic Waves and Geomagnetic Micropulsations" at a summer school on space physics organized by the Centre National d'Etudes Spatiales. Dr. Jacobs' lectures were given at the University of Toulouse in Tarbes, France.

MISS SARAH R. REED, Director of the School of Library Science, was awarded the Beta Phi Mu Award of the American Library Association in Kansas City on June 26.

The award was presented for distinguished service to education for librarianship.

DR. HAROLD C. LOVE, Professor of Agricultural Economics, carried out a livestock feasibility study for the Imperial Ethiopian Government this summer in conjunction with the United States Agency for International Development and Stanford Research Institute.

DR. ERIC R. BERG, Associate Professor of Agricultural Economics, travelled to 20 countries this summer for the United States Agency for International Development, as consultant to the Indian government. He studied the export of selected agricultural commodities in Asia, Western Europe, Australia, Africa, and the United States.

LAWRENCE LEONARD, Musical Director of the Edmonton Symphony Orchestra, will instruct in the Department of Music this year in the areas of Choral Techniques and Conducting, and will also direct the Music Department Chorus.

BOOKS

DR. WILLIAM KNILL, Professor of Educational Administration, is the author of "The Adolescent Society of the High School," a chapter in *Canadian Society: Sociological Perspectives*, third edition, edited by Blisshen, Jones, and Porter, published by Macmillan Co. of Canada.

The August issue of *Contemporary Psychology*, a journal of reviews of psychological literature, carries two reviews of books written by staff members in the Department of Psychology. *Foundations of the Theory of Prediction*, by DR. W. W. ROZEBOOM, Professor of Psychology, is reviewed favorably on page 408 by Professor Jacob Cohen of the Graduate School of Arts and Sciences, New York University. *Personality-Shaping Through Positive Disintegration*, by DR. KASIMIETZ DABROWSKI, Visiting Professor of Psychology, is partially reviewed on page 410.

COMING EVENTS

AUDIO-VISUAL WORKSHOP

The Faculty of Education Audio-Visual Media Centre Television Workshop for October 29 and 31 will feature demonstration and discussion by experienced users of closed-circuit television. Day-long sessions under the direction of R. E. MILLER, Canadian Council of Television Teachers co-ordinator, will include micro-teaching, demonstration, lecture supplements, and television utilization. The session will be introduced by DR. W. R. DRALLE, Media Centre Co-ordinator. Special speakers include DR. L. D. STEWART, Laboratory Schools; DR. K. L. BOWERS, AV-Media Centre; DR. D. W. WILSON and J. C. POWELL, Secondary Education; and DR. N. M. PURVIS and DR. J. T. MCBURNEY, Elementary Education.

FILM COMPETITION IN PADUA

The 13th annual International Exhibition of Scientific and Educational Films will be held in Padua, Italy, from November 10 to November 16.

The awards are given to "films which by their content and execution are suitable for university teaching, and which show progress in the field of research, teaching or scientific documentation."

Most academic disciplines are included in the eligible categories. The exhibition

Sponsored by Padua University in collaboration with the International Exhibition of Cinematographic Art of Venice.

For further information, contact HENRY H. MAMET, Director of Radio and Television, telephone 432-4962.

COURSE FOR EDUCATORS

A one week Laboratory for Educational Leaders will be held at Banff, October 19 to 27.

The Laboratory, sponsored jointly by the National Training Laboratories and the Institute for Applied Behavioral Sciences associated with the U.S. National Education Association, and the Department of Extension, is designed for individuals and teams of administrators, supervisors, teachers, specialists, and Board members who are concerned with problems of change and growth in education.

A typical day will consist of personal sensitivity training groups, role-sensitivity groups, and lectures, discussions, and skill development exercises on individual, group, intergroup, and organizational behavior; learning; change; leadership and membership.

The visiting Laboratory Dean will be Richard Schmuck of the University of Oregon, and trainers will include Dr. William Barner, Gonzaga University, Spokane; Dr. Thomas Mallinson, Simon Fraser University; Dr. John Wallen of the Northwest Regional Educational Laboratory, Portland; and Robert Crosby, Community Training Consultant, Great Falls, Montana.

BOREAL INSTITUTE

An informal organization open to all persons interested in the North is being sponsored by the BOREAL INSTITUTE this fall. Ex-Northerners now living in Edmonton are also invited to attend. The organization called the "Boreal Circle" meets in the Students' Union Building on the first Tuesday of each month at 8 p.m. The first meeting, on October 1, featured Peter Kevan, speaking on "The Natural History of Northern Ellesmere Island."

The BOREAL INSTITUTE LIBRARY is now located in expanded quarters and offers a wide range of source material on the circumpolar regions in general, and Northern Canada in particular. Faculty members may use this facility of the Institute for research purposes or as a source of information on current developments in the North. Further information can be obtained by calling local 4409.

ART EXHIBIT

Paintings and Prints by members of the

ALBERTA SOCIETY OF ARTISTS are currently exhibited in the staff lounge of the Education Building. Among those exhibiting are Barbara Hicklin, Murray Macdonald, and Thelma Manarey.

FACULTY WOMEN'S CLUB

The FACULTY WOMEN'S CLUB has sent out invitations, via campus mail, to faculty women and wives of faculty men announcing the Faculty Women's Club Fall Tea, to be held on Saturday, October 19, at the Faculty Club.

CHAMBER MUSIC SOCIETY

A concert by the Dvorak String Quartet from Czechoslovakia will open the 1968-69 season of the Edmonton Chamber Music Society. This concert, on October 23, is the first of three string quartet recitals in this season's series. On February 19, the Chamber Music Society will present the Aeolian String Quartet, and on March 12, the Orford String Quartet. Other presentations include the Adelaide Woodwind Quintet, from Australia, on January 8, and concerts by the Edmonton Chamber Music Players on November 13 (Brahms) and January 22 (Baroque music featuring the University's new Sabathil harpsichord).

Admission to the six concerts is by subscription only and season tickets are on sale at the Allied Arts Box Office in Hudson's Bay, the Department of Music on the University campus (Arts Building, Room 348), or by mail from the Edmonton Chamber Music Society, 11112 - 83 Avenue. Membership in any other Overture Concerts Association also entitles the holder to admission to the concerts. Season tickets are \$10 for adults and \$4 for full-time students. Concerts will be held in Convocation Hall at 8:30 p.m.

BADMINTON

The FACULTY BADMINTON CLUB'S season opened September 18. The hours each Wednesday are from 7:30 to 10 p.m. in the Main Gymnasium of the Physical Education Building.

Any one eligible for the Faculty Club is eligible for the Faculty Badminton Club. Post-doctoral fellows may only be associate members, with all but voting privileges. Graduate students may not be members or guests. The annual fee, including cost of birds, is \$4 for a single member and \$7 for husband and wife. The fee includes the cost of the annual banquet. Members of the Executive welcome inquires, especially from new members of the staff. DR. KATHERINE BALL (Zoology) is President. She may be reached at phone 455-5542.

CURLING

Approximately 36 rinks will take part in FACULTY CURLING this year. Beginning October 15, and running until the spring break, draws will be held at 5 and 7 p.m. every Tuesday, and at 5 p.m. every Thursday.

NOTICES

MT/ST TYPING SERVICE

The MT/ST TYPING SERVICE has been booked for major manuscript jobs until the end of October. Only small jobs can now be accepted. Staff meeting publishers' deadlines should check with the operator concerning availability of the service.

GUEST ROOMS AVAILABLE

The STUDENTS' UNION BUILDING has six guest rooms available to persons sponsored by University departments, staff members, or students. For reservations, call local 4271.

SMOKING REGULATIONS REITERATED

C. H. SAUNTER, the University Fire and Safety Officer, has supplied each Building Manager with a copy of the Fire and Safety Regulations, as a result of some apparent violations during the school year. The action was approved at a spring meeting of the Campus Services Safety Committee.

Mr. Saunter told the meeting that regulations prohibit smoking in classrooms and other specified areas. He said, however, that vandalism made it difficult to maintain "No Smoking" signs in these areas.

Several Committee members stated that lecturers and others had been observed smoking in posted classrooms. There have also been a number of reports of damage to floors and furniture from cigarette burns.

INTERDEPARTMENTAL MAIL

THE UNIVERSITY POST OFFICE would like to draw attention to the need for proper addressing of all types of mail, including interdepartmental mail.

The sorting staff sorts mail by department only; therefore, room numbers should not be used in addressing mail. The departmental name, i.e., "Dr. Zevs, Department of Olympus," should be used. Mail is delivered by the caretaking staff, and large articles or books should be sent out through the shipping department.

AWARDS

Because of the limited time generally available to reply to the notices published here, and the nuisance involved in writing for additional details, FOLIO will attempt to publish in full the more important notices received. The original announcements may be examined at the Publications Office, 11224 87 Avenue.

C. D. HOWE MEMORIAL FELLOWSHIPS

C. D. Howe Memorial Fellowships, which are designed primarily for residents of Canada who hold a doctoral degree or who have attained an equivalent level of achievement in scholarly or applied fields, are again available.

Candidates for these awards, tenable in any field and in any place, may either be nominated or make direct application. The fellowships have a value of \$5,000 plus an additional allowance of \$2,000 if the applicant is married, plus travel expenses, if applicable.

For further information, write The Director of Awards, AUCC, 151 Slater Street, Ottawa 4, Ontario, before November 8, 1968.

CANADA COUNCIL GRANTS

Canada Council Grants are available to Canadian citizens or persons admitted to Canada for permanent residence (that is, those who have landed immigrant status). Correspondence should be directed to The Canada Council, 140 Wellington Street, Ottawa 4, Ontario.

The Council offers three varieties of fellowships in Humanities or Social Sciences.

Doctoral fellowships, open to persons proceeding to a doctoral degree or the equivalent, are valued as follows: up to \$3,500 for students and \$4,500 for teachers in Canadian universities who have no more than two years remaining to their university residence requirement; up to \$4,500 for students and \$5,500 for teachers in Canadian universities who have completed their residence requirements. An additional \$1,000 may be granted to a limited number of top candidates. The fellowship is tenable in Canada or elsewhere for one year or less, and is renewable upon request for the last year of residence and up to two post-residence years devoted to completion of the doctoral program. Closing date for application is December 15, 1968.

Leave fellowships are open to members of staff of Canadian universities who are engaged in independent research or some other form of creative scholarship while on leave of absence on partial or no salary. The fellowship is worth up to \$7,000 for scholars of associate professor rank or above, or up to \$5,000 for those below this rank. It is tenable for one year or less in Canada or abroad.

Other available grants are for research, for the establishment and maintenance of standards of learned journals, for assistance in publishing scholarly manuscripts, and for travel to meetings, conferences, and seminars in the fields of Social Sciences or the Humanities, such as the Canadian Learned Societies' annual meetings. Funds are also provided to assist in bringing visiting professors to faculties of Canadian universities and to assist in building research collections in libraries.

Two hundred seventy-five bursaries, worth or less and not immediately renewable, are available for professional artists at an early stage in their career. Length and place of tenure is identical to that for awards; bursaries may, however, be renewed. Closing date for applications is November 15, 1968.

Short term grants, tenable for three months or less and not immediately renewable, are available for established artists (up to \$1,350) and new artists (up to \$750). Individual artists are eligible for travel grants to enable them to attend occasions important to their careers. As well, funds for materials may be granted in cases of demonstrated need for small sums of money to provide special materials essential to the artist's work, and for projects of an experimental nature.

Artists requiring assistance to complete a doctoral program in Fine Arts should apply to the doctoral fellowship competition described above.

WOODROW WILSON NATIONAL CAMBRIDGE FELLOWSHIP

Nominations for Woodrow Wilson Fellowships and Designations are invited from the faculty. Those nominated should show promise of becoming valuable members of the academic profession, primarily in the Humanities and Social Sciences, although Science and Mathematics majors with a clear interest in a teaching career may also be nominated.

Eligible for nomination are men and women of outstanding intellectual promise, graduates of or seniors in the colleges and universities of the United States or Canada and, at the time of nomination, not registered in a graduate school.

The fellowships carry a value of \$2,000 plus tuition and allowances for dependant children.

The candidate's name, current mailing address, college, and proposed field of graduate study must be sent by the department head to reach Group XIV Regional Office, Pullman, Washington, by October 20, 1968.

CAMBRIDGE FELLOWSHIP

St. John's College, Cambridge, invites applications for its Commonwealth Fellowship for 1969-70. The fellowship is intended to afford a scholar from an overseas member-state of the Commonwealth,

on leave of absence from his university, the opportunity to pursue his own study and research as a member of a collegiate society, and to make contact with scholars in Great Britain. It is intended for scholars holding academic positions and not for men still working for postgraduate degrees.

The fellowship is for a one-year term and is valued at £300 per year, plus rooms in the College free of rent, plus all other rights and privileges of a resident fellow.

Application should be made to the Master, St. John's College, Cambridge, and must reach him prior to April 15, 1969.

PERSONAL NOTICES

Staff members may forward notices to reach the Editor two weeks prior to publication. They must be typed, and not exceed 35 words (including heading). Advertisements received will be published at the Editor's discretion.

FOR SALE—Five-bedroom home in Belgravia, walking distance to the University, nicely landscaped lot. Contact J. M. deMan, local 4592. Home telephone: 439-5673.

FOR SALE—Home in Windsor Park, fully finished basement, four bedrooms, large professionally landscaped and fenced back yard, two patios, near University, clear title. Phone 433-0436.

FOR RENT—Apartments in a new block to be completed in October. Convenient to the University. For rental information contact Mrs. Havrelock at 429-5361 or 465-1888.

WANTED TO RENT OR BUY—A four- or five-bedroom house, preferably in northwest or southwest Edmonton. Contact Dr. Wynn Rigal, Orthopedic Surgery, The University of Alberta Hospital. Home telephone: 435-1647.

WANTED TO RENT—Visiting professor from Australia requires a three-bedroom home, preferably furnished, for one year beginning January 1, 1969. Contact Dr. G. Williams, local 4109. Home telephone: 434-7797.

FOR SALE—Edison Escort (portable) dictating machine with A.C. converter and carrying case; MEC Combination Voicewriter Dictating and Transcribing machine, complete with accessories. Machines have been serviced regularly and are in excellent condition. Contact Dr. M. Hutton, 8625 - 112 St., telephone 439-3681.

FOR SALE—Partially restored 1928 Erskine (Studebaker). Re-bored motor in running condition. Re-upholstered interior. Re-painted exterior. Needs more work, new tires. Best offer. Telephone 439-5097 after five.

FOLIO / THE UNIVERSITY OF ALBERTA BULLETIN



The University of Alberta
Edmonton 61, Alberta
Advisory Committee: Henry Kreisel
(Associate Dean of Graduate
Studies); D. D. Betts (Professor
of Physics.
F. William Samis, Editor

Published for the staff and other interested persons
by the University Publications Office, telephone
432-4991. Printed by the Printing Department.

AUTHORIZED AS SECOND CLASS MAIL BY THE POST
OFFICE DEPARTMENT, OTTAWA, AND FOR PAYMENT OF
POSTAGE IN CASH. POSTAGE PAID AT EDMONTON.